PLANT-TECH ARABIA CO. LTD.

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شركة بلانت تك العربية المحدودة

س. ت ٢٠٥٥٠٠٨٥٨٩
رقم الضريبي : ٣٠٠٤١٣٢٦٥٧٠٠٠٣
ص.ب ٣٦٦٩٦, مدينة الجبيل الصناعية ٣١٩٦١
المملكة العربية السعودية
تليفون : ٣٤٠ ٧٤٥٥ (٠١٣) ٩٦٦+
فاكس : ٣٤٠ ٧٤٦٦ (٠١٣) ٩٦٦+
بريد الكتروني: ptksa@planttecharabia.com
الأنترنت : www.planttecharabia.com

PT/CPDR/03

Ref: I0523 -09548 /AJO/L-6314C/REV.01
Date: 20th July, 2023

Saudi Chevron Phillips Company
Contracts Department
P.O. Box 11221
Al- Jubail Industrial City 31961
Kingdom of Saudi Arabia

Kind Attn: Mr. Faiq Zaidi, Tele #: 966 (13) 356 8297

Sub : RFQ 25001187 Email dated 17.05.2023
: Catalyst and Fixed Equipment Services - JCP EBSM (SCP-JCP TA Jan 2024) @ S-Chem; Revised Commercial Proposal

Further to the post-bid clarifications dated 20.07.2023 and further technical clarification emails with the end user; we would like to submit our revised Commercial Proposal as follows:

1. Scope of Work:

To provide Catalyst and Fixed Equipment Services - JCP EBSM services as per the scope of work furnished for SCP-JCP TA Jan 2024 @ S-Chem

2. Price Schedule:

2.1 Our lump sum price to carry out the works mentioned under Sl. No. 1. above shall be SR. 13,707,579.00 (Saudi Riyals Thirteen Million Seven Hundred Seven Thousand Five Hundred Seventy-Nine Only)

2.2 The price breakdown for individual Units and equipment is furnished for evaluation purpose only in section-1. In case of awarding the contract on partial unit or equipment wise basis, we shall reserve the rights to revise our proposal

2.3 Additional works will be carried out based on available manpower & equipment at site and shall be charged as per the approved timesheets and time unit rates of manpower & equipment furnished in Section-2 & Section-3.

2.4 Stand-by/Idle time or additional days of PLANT-TECH manpower & equipment at site due to no fault of PLANT-TECH shall be charged as per approved timesheets and the applicable rates shall be 90% of the rates mentioned for individual item in the Section-2 & Section-3.

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3. Qualification/ Assumption:

3.1 We have considered the start date of shutdown as 7th January 2024.

3.2 We have considered an overall maintenance window as per the time line shared by S-Chem.

3.3 Work will be carried round the clock in two (2) shifts each of 12 hours excepting heavy lifting activities that shall be carried out during day.

3.4 We have considered starting the tagging and line-up activities at least three weeks before the start of shutdown.

3.5 For the Operation support during decontamination phase, we have considered two (2) foreman/PR, Eight (8) pipe fitters and four (4) BA qualified pipefitter along with one BA set for the duration of 14 days.

3.6 For the start-up works after the completion of maintenance window, we have considered two (2) foreman/PR, Eight (8) pipe fitters and four (4) BA qualified pipefitter along with one BA set for the duration of 14 days.

3.7 We have considered a maximum estimated duration of Twelve (13) continuous calendar days for catalyst replacement activity and a maximum idle time of 48 hours for repair/inspection to be carried out by S-Chem.

3.8 For catalyst unloading in De-hydrogenator R3301/02, we have considered Jack hammering of Hard / lump formation of catalyst, however the level of chocking to not exceed the previous history of the particular reactor.

3.9 We have considered that all the reactors shall be handed over to us with a temperature not more than 45 degrees Celsius.

3.10 For catalyst unloading in Finishing Reactor R3203, we have considered the free flow of catalyst. Hard / lump formation of catalyst is not envisaged. Jack hammering if required, shall be performed on unit rates.

3.11 For de-hydro reactors, we have considered cleaning the internal screens and the internal hatches using SS wire brush while unloading. At every 1.5 meter, the screen shall be made available for inspection to check for any damage occurred on the screen.

3.12 For de-hydro reactors, the spent catalyst will be collected directly into vacuum trucks and disposed to a waste disposal facility such as Bee'Ah or Edco within Jubail.

3.13 We have considered any repair works identified by S-Chem upon inspection & all hot works involved in the scope of work (excluding pre-defined scope for Piping Hot Works) shall be carried out by S-Chem.

3.14 We have not considered retaining our crew beyond maintenance window. Hence, for equipment having de-blinding in our scope but maintenance works by other contractors and if their works exceed the aforementioned mechanical window, the de-blinding crew required for the same shall be charged on unit rate basis.

3.15 For hydro-jetting works, the degree of cleaning shall be attributed to the maximum cleaning capacity of a pump of given pressure as mentioned in the Annexure. Heavy

fouling or hard deposits, if required, to be cleaned shall be catered with the deployment of special Pumps/nozzles at a higher capacity with special job safety analysis and risk assessment conducted with S-chem team.

3.16 We have considered utilizing 3-D butter wash cleaner for internal hydro-jet cleaning in the vessels to minimize the time duration by reducing scaffolding needs and increasing the effectiveness of cleaning.

3.17 For confined space cleaning works, we have considered a maximum of 3000 psi of hydro-jetting pressure a safe practice. Chipping removal of deposits if required shall be done on unit rates.

3.18 We have considered plugging of the tubes after hydro-test if required by hammering for a maximum of 5% of tubes only. Seal welding is not envisaged.

3.19 We have considered providing hydraulic bolt torquing support, as required as per the scope. However, tensioning is not envisaged.

3.20 We have considered transporting the removed valves to the specified overhauling workshops within S-Chem premises & the overhauled valves shall be transported back to the jobsite. S-Chem to ensure offloading/loading facility in their workshop.

3.21 For the furnace, we have considered our scope limited to blinding/de-blinding, manway opening, internal inspection support and accessible radiant tubes external cleaning by SS wire brush only. Any other cleaning requirement, based on inspection shall be treated as additional.

3.22 We have considered tube bundle pulling activity only for exchanger E-3201 as per the received scope of work.

3.23 We have considered ECT/SECT/IRIS scope as per received scope of work & any changes in test method or required percentage of test, we shall reserve the right to change our proposal.

3.24 We have considered complete accessibility with no obstruction for installation of our cold cutting machine on site. And also, we considered that the pre-fabricated pipes (JCP-0940) will be of actual site requirement. Any major modification on the pre-fabricated pipe shall be carried out timesheet basis.

3.25 In drums, we have considered the maximum level of sludge up 15% of the volume of the drums from the bottom drain nozzle level of drum.

3.26 For confined space activities, apart from specified in SOW wherever applicable, we have considered providing breathing air trained Technicians to carry out the works if required on unit rates attached.

3.27 S-Chem shall handover the equipment under ambient temperature for man entry. AC units, if required, shall be deployed on unit rates.

3.28 We have considered providing manhole watch support during S-Chem inspection activities in the confined space.

3.29 We have considered deploying permit receivers and stand-by man only for our scope of work; support for other contractors through S-Chem, if required, shall be charged additional.

3.30 We have considered submitting the actual project schedule, organization chart, deployment plan, method statement and organization chart after the award of contract.

3.31 The proposed list of manpower and equipment deployed at site is as per our "lump sum" execution requirement. Should there be an evaluation of the same that calls for increasing the resources; the cost against the same shall be reflected through a revised Commercial Proposal during the bidding stage.

3.32 Please find enclosed the following documents for reference:

a. Section-1 : Pricing Schedule
b. Section-2 : Schedule of time unit rates of manpower
c. Section-3 : Schedule of time unit rates of equipment

4. Terms & Conditions:

4.1 Purchase order is required at least three (3) months before mobilization.

4.2 Acceptance of Purchase Order is subject to availability of PLANT-TECH's manpower and equipment at the time of order placement.

4.3 In case of considerable advancement or postponement of the Turnaround, we shall reserve rights to revise our proposal.

4.4 Validity : 90 days.

4.5 Payment terms: 30 days.

We hope you will find our offer in line with your requirement and look forward to receiving your further instructions.

Should you have any queries, please do not hesitate to contact us.

For **PLANT-TECH ARABIA CO. LTD.**

Approval	Name	Sign
Prepared by	**AJOY ANNAS**	
	Engineer - Planning & Estimation	Date: 20-07-2023
Reviewed by	**SHAMEEM HASHIM**	
	Manager – Planning & Estimation	Date: 20-07-2023
Approved by	**LANCY LASRADO**	
	Director of Operations	Date: 20-07-2023

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Ref.	:I09548/AJO/L-6314C/REV.01, dated 18.06.2023, REVISED COMMERCIAL PROPOSAL
Des.	: REQ 25001187, E-mail dated 17.05.2023; RFQ for Catalyst and Fixed Equipment Services During JCP TA – 2024 @ S-Chem
	SECTION - 1
	Pricing Schedule

Price Table Summary:

A : CATALYST CHANGE SERVICES

Item	Description, Eqpt Category	UOM	Total Price (SAR)
1	Grand Total Cost of Reactors U-32	Lumpsum	511,577.34
2	Grand Total Cost of Reactors U-33	Lumpsum	1,716,004.66
	Total	Lumpsum	**2,227,582.00**

B : FIXED EQUIPMENT SERVICES

UNIT-32

Item	Description, Eqpt Category	UOM	Total Price (SAR)
1	Grand Total Cost of Drums	Lumpsum	215,111.23
2	Grand Total Cost of Furnace	Lumpsum	148,544.73
3	Grand Total Cost of Exchangers	Lumpsum	2,453,199.71
4	Grand Total Cost of PRDs	Lumpsum	57,437.30
5	Grand Total Cost of Control Valves	Lumpsum	79,223.86
6	Grand Total Cost of Actuator	Lumpsum	3,300.99
7	Grand Total Cost of Piping Cold Work	Lumpsum	40,932.33
8	Grand Total Cost of Pipe Cleaning & Inspection	Lumpsum	34,990.54
9	Grand Total Cost of Decommissioning & Commissioning Support	Estimated Cost	154,560.00
	Total		**3,187,300.68**

UNIT-33

Item	Description, Eqpt Category	UOM	Total Price (SAR)
1	Grand Total Cost of Drums	Lumpsum	663,351.43
2	Grand Total Cost of Furnace	Lumpsum	277,283.50
3	Grand Total Cost of Exchangers	Lumpsum	4,582,109.77
4	Grand Total Cost of PRDs	Lumpsum	232,720.08
5	Grand Total Cost of Control Valves	Lumpsum	248,234.75
6	Grand Total Cost of Transmitters	Lumpsum	17,825.37
7	Grand Total Cost of Piping Cold Work	Lumpsum	27,068.15
8	Grand Total Cost of Pipe Cleaning & Inspection	Lumpsum	426,042.05
9	Grand Total Cost of Pipe Cleaning, Inspection & Hot work	Lumpsum	1,396,773.01
10	Grand Total Cost of Suction silencer removal/Installation	Lumpsum	35,843.61
11	Grand Total Cost System Blinding	Lumpsum	25,252.60
12	Grand Total Cost of Decommissioning & Commissioning Support	Estimated Cost	360,192.00
	Total		**8,292,696.32**

TOTAL VALUE (A+B) :	**13,707,579.00 SAR**

Price Breakdown: CATALYST CHANGE SERVICES

U-32 Reactor:

SN	Line#	Tag No	UOM	Price (SAR)
1	JCP-0864	R-3203	Lumpsum	511,577.34

U-33 Reactor:

SN	Line#	Tag No	UOM	Price (SAR)
1	JCP-0196	R-3301	Lumpsum	836,968.38
2	JCP-0197	R-3302 / E-3302	Lumpsum	879,036.28

Price Breakdown: FIXED EQUIPMENT SERVICES

UNIT-32

1.0 Drums:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0065	D-3201	Lumpsum	36,314.69
2	JCP-0159	D-3202	Lumpsum	25,463.01
3	JCP-0431	D-3204	Lumpsum	24,203.29
4	JCP-0989	D-3205	Lumpsum	22,164.90
5	JCP-0990	D-3207	Lumpsum	21,281.05
6	JCP-2083	D-3208	Lumpsum	21,378.54
7	JCP-0160	D-3209	Lumpsum	21,548.44
8	JCP-0877	D-3210	Lumpsum	21,548.44
9	JCP-0991	D-3212	Lumpsum	21,208.88

2.0 Furnace:

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S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0058	F-3201	Lumpsum	148,544.73

3.0 Exchangers:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0137	E-3201	Lumpsum	66,349.98
2	JCP-2077	E-3204	Lumpsum	83,185.05
3	JCP-0161	E-3205	Lumpsum	151,515.62
4	JCP-2087	E-3207A	Lumpsum	129,729.06
5	JCP-2088	E-3207B	Lumpsum	129,729.06
6	JCP-0865	E-3208A	Lumpsum	202,020.83
7	JCP-0866	E-3208B	Lumpsum	202,020.83
8	JCP-0867	E-3208C	Lumpsum	202,020.83
9	JCP-0868	E-3208D	Lumpsum	202,020.83
10	JCP-0869	E-3208E	Lumpsum	202,020.83
11	JCP-0870	E-3209	Lumpsum	97,049.22
12	JCP-0060	E-3213A	Lumpsum	93,088.03
13	JCP-0061	E-3213B	Lumpsum	93,088.03
14	JCP-0433	E-3221	Lumpsum	180,234.27
15	JCP-0992	E-3222	Lumpsum	86,155.94
16	JCP-0843	E-3223	Lumpsum	53,476.10
17	JCP-0847	E-3225	Lumpsum	75,592.76
18	JCP-0993	E-3227	Lumpsum	78,233.56
19	JCP-0985	E-3228 X	Lumpsum	62,834.42
20	JCP-0986	E-3229 X	Lumpsum	62,834.42

4.0 PRD's:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0141	PRD-32004	Lumpsum	1,980.60
2	JCP-0979	PRD-32006	Lumpsum	2,640.80
3	JCP-0062	PRD-32009	Lumpsum	2,310.70
4	JCP-0980	PRD-32012	Lumpsum	1,980.60
5	JCP-2076	PRD-32014	Lumpsum	1,980.60
6	JCP-2086	PRD-32015	Lumpsum	2,310.70
7	JCP-2182	PRD-32016	Lumpsum	2,310.70
8	JCP-0871	PRD-32017	Lumpsum	1,980.60
9	JCP-0158	PRD-32020	Lumpsum	1,980.60
10	JCP-0157	PRD-32022	Lumpsum	3,631.09
11	JCP-0850	PRD-32029A	Lumpsum	2,970.89
12	JCP-0844	PRD-32032	Lumpsum	1,980.60
13	JCP-0846	PRD-32033	Lumpsum	1,980.60
14	JCP-0994	PRD-32035	Lumpsum	1,980.60
15	JCP-0995	PRD-32037	Lumpsum	1,980.60
16	JCP-0845	PRD-32038	Lumpsum	2,310.70
17	JCP-0977	PRD-32042	Lumpsum	1,980.60
18	JCP-0063	PRD-32278	Lumpsum	1,980.60
19	JCP-0140	PRD-32312	Lumpsum	1,980.60
20	JCP-0978	PRD-32356	Lumpsum	1,980.60
21	JCP-0982	PRD-32358	Lumpsum	1,980.60
22	JCP-0981	PRD-32405	Lumpsum	1,980.60
23	JCP-2183	PRD-32896	Lumpsum	1,980.60
24	JCP-0430	PRD-32021A	Lumpsum	3,631.09
25	AWR# 377	PRD-32291	Lumpsum	3,631.09

5.0 Control Valves:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0074	XV-32005Y	Lumpsum	2,640.80
2	JCP-0075	XV-32007X	Lumpsum	1,980.60
3	JCP-0076	XV-32007Y	Lumpsum	1,980.60
4	JCP-0077	XV-32005Z	Lumpsum	1,980.60
5	JCP-0078	XV-32007Z	Lumpsum	1,980.60
6	JCP-0079	FV-32008	Lumpsum	2,640.80
7	JCP-0080	FV-32009	Lumpsum	2,640.80
8	JCP-0084	FV-32002	Lumpsum	9,902.98
9	JCP-0130	FV-32010	Lumpsum	1,980.60
10	JCP-0162	XV-32019X	Lumpsum	3,961.19
11	JCP-0163	XV-32019Y	Lumpsum	3,961.19
12	JCP-0164	XV-32026X	Lumpsum	3,961.19
13	JCP-0165	XV-32026Y	Lumpsum	3,961.19
14	JCP-0166	XV-32043X	Lumpsum	3,961.19
15	JCP-0167	XV-32043Y	Lumpsum	3,961.19

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16	JCP-0329	FV-32051	Lumpsum	1,980.60
17	JCP-0853	FV-32052	Lumpsum	1,980.60
18	JCP-0898	PV-32008B	Lumpsum	3,961.19
19	JCP-0970	XV-32051X	Lumpsum	2,640.80
20	JCP-0971	XV-32070X	Lumpsum	3,300.99
21	JCP-0972	XV-32051Y	Lumpsum	2,640.80
22	JCP-1004	XV-32015X	Lumpsum	3,300.99
23	JCP-2293	FV-32005	Lumpsum	2,640.80
24	JCP-2294	FV-32006	Lumpsum	2,640.80
25	JCP-2295	FV-32007	Lumpsum	2,640.80

6.0 Actuator:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0081	HV-32007	Lumpsum	3,300.99

7.0 Piping Cold Work:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0136	E-3214	Lumpsum	3,961.19
2	JCP-0430	PRD-32021 A	Lumpsum	3,300.99
3	AWR-182	E-3221	Lumpsum	1,980.60
4	AWR-183	P-3213A	Lumpsum	15,844.77
5	AWR-184	P-3213A	Lumpsum	15,844.77

8.0 Piping Cleaning & Inspection:

S#	Line#	Tag No	UOM	Price (SAR)
1	AWR-293	IPL-32XC051 & 52	Lumpsum	6,932.09
2	AWR-294	IPL-32XC053	Lumpsum	2,970.89
3	AWR-290	SP-32V10	Lumpsum	12,543.78
4	AWR-291	SP-32V11	Lumpsum	12,543.78

9.0 Decommissioning & Commissioning Support:

Decommissioning:

S#	Tag No	QTY	DAYS (24HRS)	Unit Rate (SAR)	Price (SAR)
1	Pipe fitter	8	14	35.00	47,040.00
2	Pipe fitter (BA Qualified)	4	14	45.00	30,240.00

Commissioning:

S#	Tag No	QTY	DAYS (24HRS)	Unit Rate (SAR)	Price (SAR)
1	Pipe fitter	8	14	35.00	47,040.00
2	Pipe fitter (BA Qualified)	4	14	45.00	30,240.00

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1.0 Drums:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0251	D-3301	Lumpsum	36,905.02
2	JCP-0239	D-3302	Lumpsum	40,059.47
3	JCP-0225	D-3303	Lumpsum	26,932.18
4	JCP-0934	D-3304	Lumpsum	39,924.69
5	JCP-0941	D-3305	Lumpsum	38,206.22
6	JCP-0252	D-3307	Lumpsum	32,299.51
7	JCP-0278	D-3308	Lumpsum	26,797.23
8	JCP-2015	D-3309	Lumpsum	26,997.77
9	JCP-2016	D-3310	Lumpsum	33,361.65
10	JCP-2006	D-3311	Lumpsum	26,982.43
11	JCP-2008	D-3312	Lumpsum	58,065.82
12	JCP-2010	D-3314	Lumpsum	21,561.67
13	JCP-0759	D-3351	Lumpsum	33,542.13
14	JCP-0754	D-3352	Lumpsum	21,521.63
15	JCP-0749	D-3353	Lumpsum	21,749.11
16	JCP-1115	D-3355	Lumpsum	23,239.59
17	JCP-1116	D-3356	Lumpsum	53,031.90
18	JCP-1007	D-3363	Lumpsum	30,820.68
19	JCP-1008	D-3364	Lumpsum	40,706.91
20	JCP-1009	D-3365	Lumpsum	30,645.82

2.0 Furnace:

S#	Line#	Tag No	UOM	Price (SAR)

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1	JCP-0195	F-3301	Lumpsum	277,283.50

3.0 Exchangers:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0216	E-3301	Lumpsum	355,517.05
2	JCP-0217	E-3303	Lumpsum	353,536.46
3	JCP-0218	E-3304	Lumpsum	339,672.28
4	JCP-0220	E-3306	Lumpsum	148,214.63
5	JCP-0221	E-3307A	Lumpsum	276,293.20
6	JCP-0222	E-3307B	Lumpsum	276,293.20
7	JCP-0277	E-3308	Lumpsum	121,806.68
8	JCP-0932	E-3309	Lumpsum	128,738.77
9	JCP-0933	E-3310	Lumpsum	80,214.15
10	JCP-0925	E-3311	Lumpsum	53,476.10
11	JCP-0926	E-3312	Lumpsum	141,612.64
12	JCP-0927	E-3313	Lumpsum	51,495.51
13	JCP-0954	E-3314	Lumpsum	51,495.51
14	JCP-0955	E-3315A	Lumpsum	82,194.75
15	JCP-0956	E-3315B	Lumpsum	82,194.75
16	JCP-0957	E-3315C	Lumpsum	82,194.75
17	JCP-0958	E-3315D	Lumpsum	82,194.75
18	JCP-0959	E-3315E	Lumpsum	82,194.75
19	JCP-0963	E-3316	Lumpsum	51,495.51
20	JCP-2017	E-3317	Lumpsum	122,796.98
21	JCP-0960	E-3320A	Lumpsum	81,204.45
22	JCP-0961	E-3320B	Lumpsum	81,204.45
23	JCP-0756	E-3351A	Lumpsum	177,263.38
24	JCP-0757	E-3351B	Lumpsum	177,263.38
25	JCP-0755	E-3352	Lumpsum	76,583.06
26	JCP-0751	E-3355	Lumpsum	111,903.70
27	JCP-1120	E-3358A	Lumpsum	154,486.52
28	JCP-1121	E-3358B	Lumpsum	154,486.52
29	JCP-1122	E-3359	Lumpsum	182,214.87
30	JCP-1123	E-3362	Lumpsum	81,204.45
31	JCP-1118	E-3363A	Lumpsum	58,427.59
32	JCP-1119	E-3363B	Lumpsum	58,427.59
33	JCP-0778	E-3367	Lumpsum	37,631.33
34	JCP-0779	E-3368	Lumpsum	37,631.33
35	AWR# 255	E-3383	Lumpsum	49,514.91
36	AWR# 265	E-3386	Lumpsum	49,514.91
37	JCP-1111	E-3391	Lumpsum	49,514.91

4.0 PRD's:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0291	PRD-33002	Lumpsum	2,640.80
2	JCP-0279	PRD-33005	Lumpsum	1,980.60
3	JCP-0250	PRD-33006	Lumpsum	1,980.60
4	JCP-0240	PRD-33008	Lumpsum	1,980.60
5	JCP-0241	PRD-33009	Lumpsum	1,980.60
6	JCP-0242	PRD-33010	Lumpsum	3,631.09
7	JCP-0280	PRD-33012	Lumpsum	1,980.60
8	JCP-0243	PRD-33013	Lumpsum	3,631.09
9	JCP-0244	PRD-33014	Lumpsum	2,970.89
10	JCP-0245	PRD-33015	Lumpsum	1,980.60
11	JCP-0246	PRD-33016	Lumpsum	1,980.60
12	JCP-0247	PRD-33018	Lumpsum	1,980.60
13	JCP-0281	PRD-33020	Lumpsum	1,980.60
14	JCP-0248	PRD-33025	Lumpsum	1,980.60
15	JCP-0942	PRD-33026	Lumpsum	1,980.60
16	JCP-0943	PRD-33027	Lumpsum	1,980.60
17	JCP-0880	PRD-33028	Lumpsum	2,640.80
18	JCP-0881	PRD-33029	Lumpsum	2,640.80
19	JCP-0882	PRD-33031	Lumpsum	2,310.70
20	JCP-0883	PRD-33032	Lumpsum	2,640.80
21	JCP-0072	PRD-33051	Lumpsum	1,980.60
22	JCP-0944	PRD-33053	Lumpsum	1,980.60
23	JCP-0945	PRD-33055	Lumpsum	1,980.60
24	JCP-0967	PRD-33057	Lumpsum	1,980.60
25	JCP-0223	PRD-33151	Lumpsum	1,980.60
26	JCP-1108	PRD-33304	Lumpsum	1,980.60
27	JCP-1109	PRD-33305	Lumpsum	1,980.60

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28	JCP-0142	PRD-33314	Lumpsum	1,980.60
29	JCP-0143	PRD-33315	Lumpsum	1,980.60
30	JCP-0144	PRD-33316	Lumpsum	1,980.60
31	JCP-2028	PRD-33337	Lumpsum	2,640.80
32	JCP-1974	PRD-33340	Lumpsum	2,970.89
33	JCP-0145	PRD-33343	Lumpsum	1,980.60
34	JCP-0968	PRD-33361	Lumpsum	2,640.80
35	JCP-2012	PRD-33377A	Lumpsum	3,631.09
36	JCP-2022	PRD-33377B	Lumpsum	3,631.09
37	JCP-2013	PRD-33377C	Lumpsum	3,631.09
38	JCP-2011	PRD-33377D	Lumpsum	3,631.09
39	JCP-2025	PRD-33387A	Lumpsum	3,631.09
40	JCP-2026	PRD-33387B	Lumpsum	3,631.09
41	JCP-2027	PRD-33387C	Lumpsum	3,631.09
42	JCP-2029	PRD-33390	Lumpsum	3,631.09
43	JCP-2030	PRD-33392	Lumpsum	2,640.80
44	JCP-2031	PRD-33398	Lumpsum	2,310.70
45	JCP-0885	PRD-33444	Lumpsum	1,980.60
46	JCP-1010	PRD-33457	Lumpsum	1,980.60
47	JCP-0615	PRD-33501	Lumpsum	2,640.80
48	JCP-0760	PRD-33515	Lumpsum	1,980.60
49	JCP-0761	PRD-33516	Lumpsum	1,980.60
50	JCP-0435	PRD-33518	Lumpsum	1,980.60
51	JCP-0616	PRD-33519	Lumpsum	1,980.60
52	JCP-0436	PRD-33520	Lumpsum	1,980.60
53	JCP-1124	PRD-33525	Lumpsum	1,980.60
54	JCP-1125	PRD-33528	Lumpsum	1,980.60
55	JCP-0249	PRD-33530	Lumpsum	2,310.70
56	JCP-0969	PRD-33531	Lumpsum	1,980.60
57	JCP-2033	PRD-33532	Lumpsum	2,970.89
58	JCP-0886	PRD-33533	Lumpsum	2,970.89
59	JCP-0887	PRD-33554	Lumpsum	1,980.60
60	JCP-758	PRD-33555	Lumpsum	2,310.70
61	JCP-0884	PRD-33559	Lumpsum	1,980.60
62	JCP-1126	PRD-33654	Lumpsum	1,980.60
63	JCP-0762	PRD-33667	Lumpsum	1,980.60
64	JCP-0962	PRD-33676	Lumpsum	1,980.60
65	JCP-2018	PRD-33701	Lumpsum	1,980.60
66	JCP-0862	PRD-33737A	Lumpsum	2,970.89
67	JCP-0863	PRD-33737B	Lumpsum	2,970.89
68	JCP-1127	PRD-33846	Lumpsum	1,980.60
69	JCP-1128	PRD-33862	Lumpsum	2,310.70
70	JCP-0614	PRD-33901	Lumpsum	1,980.60
71	JCP-0892	PRD-33912	Lumpsum	1,980.60
72	JCP-0224	PRD-33960	Lumpsum	1,980.60
73	JCP-2034	PRD-33993	Lumpsum	2,970.89
74	AWR# 178	PRD-33556	Lumpsum	2,310.70
75	AWR# 179	PRD-33557	Lumpsum	5,611.69
76	AWR# 180	PRD-33046	Lumpsum	1,980.60
77	AWR# 181	PRD-33030	Lumpsum	1,980.60
78	AWR# 212	PRD-33301	Lumpsum	1,980.60
79	AWR# 213	PRD-33302	Lumpsum	1,980.60
80	AWR#221	PRD-33477	Lumpsum	2,640.80
81	AWR# 220	PRD-33478	Lumpsum	5,611.69
82	AWR# 249	PRD-33630	Lumpsum	1,980.60
83	AWR# 250	PRD-33241	Lumpsum	1,980.60
84	AWR# 251	PRD-33017	Lumpsum	2,970.89
85	AWR# 252	PRD-33019	Lumpsum	2,970.89
86	AWR# 253	PRD-33632	Lumpsum	1,980.60
87	AWR# 254	PRD-33633	Lumpsum	1,980.60
88	AWR# 256	PRD-33646	Lumpsum	1,980.60
89	AWR# 257	PRD-33670	Lumpsum	1,980.60
90	AWR# 258	PRD-33671	Lumpsum	1,980.60
91	AWR# 259	PRD-33022	Lumpsum	2,970.89
92	AWR# 261	PRD-33685	Lumpsum	1,980.60
93	AWR# 262	PRD-33021	Lumpsum	2,970.89
94	AWR# 263	PRD-33672	Lumpsum	1,980.60
95	AWR# 260	PRD-33281	Lumpsum	1,980.60
96	AWR# 264	PRD-33673	Lumpsum	1,980.60

5.0 Control Valves:

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S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0312	XV-33020X	Lumpsum	9,242.78
2	JCP-0313	XV-33020Y	Lumpsum	9,242.78
3	JCP-0314	XV-33006X	Lumpsum	3,300.99
4	JCP-0315	XV-33006Y	Lumpsum	3,300.99
5	JCP-0316	XV-33003X	Lumpsum	3,300.99
6	JCP-0317	XV-33003Y	Lumpsum	3,300.99
7	JCP-0323	XV-33068X	Lumpsum	9,242.78
8	JCP-0324	XV-33068Y	Lumpsum	9,242.78
9	JCP-0325	XV-33069X	Lumpsum	9,242.78
10	JCP-0326	XV-33069Y	Lumpsum	9,242.78
11	JCP-0327	XV-33070X	Lumpsum	11,223.38
12	JCP-0328	XV-33070Y	Lumpsum	11,223.38
13	JCP-0371	FV-33010	Lumpsum	9,902.98
14	JCP-0382	FV-33011	Lumpsum	9,902.98
15	JCP-0893	XV-33006Z	Lumpsum	1,980.60
16	JCP-0894	XV-33009Y	Lumpsum	1,980.60
17	JCP-0895	XV-33009Z	Lumpsum	1,980.60
18	JCP-0896	XV-33012Y	Lumpsum	1,980.60
19	JCP-0897	XV-33012Z	Lumpsum	1,980.60
20	JCP-0924	PV-33044	Lumpsum	9,902.98
21	JCP-0953	XV-33981	Lumpsum	3,961.19
22	JCP-0964	XV-33064X	Lumpsum	2,640.80
23	JCP-0965	XV-33064Y	Lumpsum	2,640.80
24	JCP-1012	PV-33204A	Lumpsum	3,961.19
25	JCP-1013	PV-33204B	Lumpsum	1,980.60
26	JCP-1014	FV-33218	Lumpsum	3,961.19
27	JCP-1015	FV-33220	Lumpsum	3,961.19
28	JCP-1038	PCV-33307	Lumpsum	1,980.60
29	JCP-1039	TV-33369	Lumpsum	1,980.60
30	JCP-1106	PCV-33216	Lumpsum	1,980.60
31	JCP-1107	PCV-33303	Lumpsum	1,980.60
32	JCP-1703	PV-33521	Lumpsum	1,980.60
33	JCP-1985	FV-33634	Lumpsum	2,640.80
34	JCP-2032	PV-33522	Lumpsum	1,980.60
35	JCP-2057	FV-33224	Lumpsum	3,961.19
36	JCP-2298	XV-33003Z	Lumpsum	1,980.60
37	JCP-2299	XV-33009X	Lumpsum	1,980.60
38	JCP-2300	XV-33012X	Lumpsum	1,980.60
39	JCP-2301	XV-33228	Lumpsum	3,300.99
40	JCP-2302	XV-33229	Lumpsum	9,242.78
41	JCP-2303	XV-33230	Lumpsum	9,902.98
42	JCP-2304	PDV-33383	Lumpsum	1,980.60
43	AWR-166	FV-33001	Lumpsum	9,902.98
44	AWR-268	PCV-33648	Lumpsum	1,980.60
45	AWR-268	PDCV-33275	Lumpsum	1,980.60
46	AWR-268	PDCV-33274	Lumpsum	1,980.60
47	AWR-268	PDCV-33255	Lumpsum	1,980.60
48	AWR-268	FV-33048	Lumpsum	1,980.60
49	AWR-268	PCV-33635	Lumpsum	1,980.60
50	AWR-268	PCV-33634	Lumpsum	1,980.60
51	AWR-268	TV-33653	Lumpsum	1,980.60
52	AWR-269	PCV-33686	Lumpsum	1,980.60
53	AWR-269	PDCV-33289	Lumpsum	1,980.60
54	AWR-269	PDCV-33288	Lumpsum	1,980.60
55	AWR-269	PDCV-33295	Lumpsum	1,980.60
56	AWR-269	FV-33050	Lumpsum	1,980.60
57	AWR-269	PCV-33675	Lumpsum	1,980.60
58	AWR-269	PCV-33674	Lumpsum	1,980.60
59	AWR-269	TV-33688	Lumpsum	1,980.60
60	AWR-267	PV-33376A	Lumpsum	3,961.19

6.0 Transmitters:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0383	LT-33011	Lumpsum	1,980.60
2	JCP-0384	LT-33028X	Lumpsum	1,980.60
3	JCP-0385	LT-33028Y	Lumpsum	1,980.60
4	JCP-0386	LT-33028Z	Lumpsum	1,980.60
5	JCP-1704	LT-33516	Lumpsum	1,980.60
6	JCP-1705	LT-33882X	Lumpsum	1,980.60
7	JCP-1706	LT-33882Y	Lumpsum	1,980.60

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8	JCP-1708	LT-33882Z	Lumpsum	1,980.60
9	AWR-172	FT-33500	Lumpsum	1,980.60

7.0 Piping Cold Work:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-1910	C-3353	Lumpsum	5,281.59
2	JCP-1915	P-3356 A	Lumpsum	6,601.99
3	JCP-1916	P-3356 B	Lumpsum	6,601.99
4	JCP-1919	C-3353	Lumpsum	5,281.59
5	AWR-266	P-3357 A	Lumpsum	3,300.99

8.0 Piping Cleaning & Inspection:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0783	X-3352 A1	Lumpsum	3,961.19
2	JCP-0784	X-3352 A2	Lumpsum	3,961.19
3	JCP-0785	X-3352 B1	Lumpsum	3,961.19
4	JCP-0786	X-3352 B2	Lumpsum	3,961.19
5	AWR-365	X-3391	Lumpsum	4,291.29
6	AWR-366	X-3392	Lumpsum	3,961.19
7	JCP-0219	E-3306 / X-3301	Lumpsum	23,912.34
8	JCP-0425	E-3306	Lumpsum	330,587.90
9	JCP-1918	C-3353	Lumpsum	47,444.56

9.0 Pipe Cleaning, Inspection & Hot work:

S#	Line#	Tag No	UOM	Price (SAR)
1	JCP-0424	P-3302A/B	Lumpsum	172,886.57
2	JCP-0426	P-3301A/B	Lumpsum	120,297.43
3	JCP-0782 JCP-0781	E-3351 A /B	Lumpsum	46,490.72
4	JCP-0937 JCP-0938 JCP-0939 JCP-0940	K-3301 ABC	Lumpsum	1,057,098.29

10.0 Suction silencer removal/Installation:

S#	Line#	Tag No	UOM	Price (SAR)
1	AWR# 211	K-3301A	Lumpsum	35,843.61

11.0 System Blinding:

S#	Tag No	UOM	Price (SAR)
1	Battery Limit-Process	Lumpsum	14,194.27
2	Battery Limit-Utilities	Lumpsum	11,058.33

12.0 Decommissioning & Commissioning Support:

- **Decommissioning:**

S#	Tag No	QTY	DAYS (24HRS)	Unit Rate (SAR)	Price (SAR)
1	Pipe fitter	8	14	35.00	47,040.00
2	Pipe fitter (BA Qualified)	4	14	45.00	30,240.00
3	Foreman/Permit receiver	2	14	56.00	18,816.00
4	Breathing Apparatus complete set	1	14	250.00	84,000.00

- **Commissioning:**

S#	Tag No	QTY	DAYS (24HRS)	Unit Rate (SAR)	Price (SAR)
1	Pipe fitter	8	14	35.00	47,040.00
2	Pipe fitter (BA Qualified)	4	14	45.00	30,240.00
3	Foreman/Permit receiver	2	14	56.00	18,816.00
4	Breathing Apparatus complete set	1	14	250.00	84,000.00

PLANT-TECH ARABIA

Ref. :I09548/AJO/L-6314C, dated 18.06.2023, COMMERCIAL PROPOSAL

Des. : REQ 25001187 , E-mail dated 17.05.2023; RFQ for Catalyst and Fixed Equipment Services During JCP TA – 2024 @ S-Chem

#	EQUIPMENT TAG #	UNDEFINED JOBS	Price, SAR		
1	NA	Steam Hose Connection; SIZE : 1" to 3"	Service can be offered on time unit rates based on available resources.		
2	NA	Utility Hose Connection(water/Air,N2); SIZE : 1/2" to 3"			
3		Blinding/De-blinding with Breathing Apparatus; SIZE : 1/2" x 150 psi to 60" x 150 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	825.00	949.00	1,031.00
	2	2" to 4"	2,120.00	2,438.00	2,650.00
	3	5" to 8"	3,250.00	3,738.00	4,063.00
	4	10" to 12"	3,957.00	4,551.00	4,946.00
	5	14" to 16"	6,091.00	7,005.00	7,614.00
	6	18" to 20"	7,435.00	8,550.00	9,294.00
	7	22" to 24"	7,941.00	9,132.00	9,926.00
	8	26" to 28"	8,372.00	9,628.00	10,465.00
	9	30" to 32"	9,309.00	10,705.00	11,636.00
	10	34" to 36"	12,650.00	14,548.00	15,813.00
	11	38" to 40"	12,650.00	14,548.00	15,813.00
	12	42" to 48"	16,369.00	18,824.00	20,461.00
	13	Upto 56"	21,048.00	24,205.00	26,310.00
	14	Upto 60"	23,332.00	26,832.00	29,165.00
5		Blinding/De-blinding with Breathing Apparatus; SIZE : 1/2" x 300 psi to 60" x 300 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	941.00	1,082.00	1,176.00
	2	2" to 4"	2,299.00	2,644.00	2,874.00
	3	5" to 8"	3,491.00	4,015.00	4,364.00
	4	10" to 12"	4,221.00	4,854.00	5,276.00
	5	14" to 16"	6,416.00	7,378.00	8,020.00
	6	18" to 20"	8,331.00	9,581.00	10,414.00
	7	22" to 24"	8,331.00	9,581.00	10,414.00
	8	26" to 30"	9,236.00	10,621.00	11,545.00
	9	32" to 34"	9,736.00	11,196.00	12,170.00
	10	36" to 40"	13,642.00	15,688.00	17,053.00
	11	Upto 48"	16,987.00	19,535.00	21,234.00
	12	Upto 60"	20,583.00	23,670.00	25,729.00
6		Blinding/De-blinding with Breathing Apparatus; SIZE : 1/2" x 300 psi to 60" x 600 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	1,028.00	1,182.00	1,285.00
	2	2" to 4"	2,471.00	2,842.00	3,089.00
	3	5" to 8"	3,782.00	4,349.00	4,728.00
	4	10" to 12"	4,585.00	5,273.00	5,731.00
	5	14" to 16"	6,825.00	7,849.00	8,531.00
	6	18" to 20"	8,874.00	10,205.00	11,093.00
	7	22" to 24"	8,874.00	10,205.00	11,093.00
	8	26" to 30"	9,869.00	11,349.00	12,336.00
	9	32" to 34"	10,419.00	11,982.00	13,024.00
	10	36" to 40"	14,716.00	16,923.00	18,395.00
	11	Upto 48"	18,338.00	21,089.00	22,923.00
	12	Upto 60"	22,235.00	25,570.00	27,794.00
7	NA	Blinding/De-blinding; SIZE : 1/2" x 150 psi to 60" x 150 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	793.00	911.95	991.25
	2	2" to 4"	1,996.00	2,295.40	2,495.00
	3	5" to 8"	3,016.00	3,468.40	3,770.00
	4	10" to 12"	3,604.00	4,144.60	4,505.00
	5	14" to 16"	5,722.00	6,580.30	7,152.50
	6	18" to 20"	7,050.00	8,107.50	8,812.50
	7	22" to 24"	7,465.00	8,584.75	9,331.25
	8	26" to 28"	7,880.00	9,062.00	9,850.00
	9	30" to 32"	8,710.00	10,016.50	10,887.50
	10	34" to 36"	11,800.00	13,570.00	14,750.00
	11	38" to 40"	11,800.00	13,570.00	14,750.00
	12	42" to 48"	15,316.00	17,613.40	19,145.00
	13	Upto 56"	19,872.00	22,852.80	24,840.00
	14	Upto 60"	22,108.00	25,424.20	27,635.00

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Ref. :I09548/AJO/L-6314C, dated 18.06.2023, COMMERCIAL PROPOSAL

Des. : REQ 25001187 , E-mail dated 17.05.2023; RFQ for Catalyst and Fixed Equipment Services During JCP TA – 2024 @ S-Chem

#	EQUIPMENT TAG #	UNDEFINED JOBS	Price, SAR		
8	NA	Blinding/De-blinding; SIZE : 1/2" x 300 psi to 60" x 300 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	865.00	994.75	1,081.25
	2	2" to 4"	2,138.00	2,458.70	2,672.50
	3	5" to 8"	3,260.00	3,749.00	4,075.00
	4	10" to 12"	3,604.00	4,144.60	4,505.00
	5	14" to 16"	6,062.00	6,971.30	7,577.50
	6	18" to 20"	7,880.00	9,062.00	9,850.00
	7	22" to 24"	7,880.00	9,062.00	9,850.00
	8	26" to 30"	8,710.00	10,016.50	10,887.50
	9	32" to 34"	9,130.00	10,499.50	11,412.50
	10	36" to 40"	12,690.00	14,593.50	15,862.50
	11	Upto 48"	19,248.00	22,135.20	24,060.00
	12	Upto 60"	23,184.00	26,661.60	28,980.00
9	NA	Blinding/De-blinding; SIZE : 1/2" x 300 psi to 60" x 600 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	944.00	1,085.60	1,180.00
	2	2" to 4"	2,293.00	2,636.95	2,866.25
	3	5" to 8"	3,528.00	4,057.20	4,410.00
	4	10" to 12"	4,239.00	4,874.85	5,298.75
	5	14" to 16"	6,436.00	7,401.40	8,045.00
	6	18" to 20"	8,378.00	9,634.70	10,472.50
	7	22" to 24"	8,378.00	9,634.70	10,472.50
	8	26" to 30"	9,291.00	10,684.65	11,613.75
	9	32" to 34"	9,753.00	11,215.95	12,191.25
	10	36" to 40"	13,669.00	15,719.35	17,086.25
	11	Upto 48"	20,477.00	23,548.55	25,596.25
	12	Upto 60"	24,690.00	28,393.50	30,862.50
10	NA	Gasket Replacement; SIZE : ½" x 150 psi to 60" x 150 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	613.00	704.95	766.25
	2	2" to 4"	2,048.00	2,355.20	2,560.00
	3	5" to 8"	2,050.00	2,357.50	2,562.50
	4	10" to 12"	2,548.00	2,930.20	3,185.00
	5	14" to 16"	4,666.00	5,365.90	5,832.50
	6	18" to 20"	5,494.00	6,318.10	6,867.50
	7	22" to 24"	5,909.00	6,795.35	7,386.25
	8	26" to 28"	6,324.00	7,272.60	7,905.00
	9	30" to 32"	6,765.00	7,779.75	8,456.25
	10	34" to 36"	9,286.00	10,678.90	11,607.50
	11	38" to 40"	9,286.00	10,678.90	11,607.50
	12	42" to 48"	12,400.00	14,260.00	15,500.00
	13	Upto 56"	15,984.00	18,381.60	19,980.00
	14	Upto 60"	18,220.00	20,953.00	22,775.00
11	NA	Gasket Replacement; SIZE : ½" x 300 psi to 60" x 300 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	737.00	847.55	921.25
	2	2" to 4"	1,888.00	2,171.20	2,360.00
	3	5" to 8"	2,831.00	3,255.65	3,538.75
	4	10" to 12"	3,374.00	3,880.10	4,217.50
	5	14" to 16"	5,463.00	6,282.45	6,828.75
	6	18" to 20"	7,083.00	8,145.45	8,853.75
	7	22" to 24"	7,083.00	8,145.45	8,853.75
	8	26" to 30"	7,780.00	8,947.00	9,725.00
	9	32" to 34"	8,133.00	9,352.95	10,166.25
	10	36" to 40"	11,124.00	12,792.60	13,905.00
	11	Upto 48"	13,802.00	15,872.30	17,252.50
	12	Upto 60"	16,714.00	19,221.10	20,892.50
12	NA	Gasket Replacement; SIZE : ½" x 300 psi to 60" x 600 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	1/2" to 1 1/2"	804.00	924.60	1,005.00

PLANT-TECH ARABIA

Ref. :I09548/AJO/L-6314C, dated 18.06.2023, COMMERCIAL PROPOSAL

Des. : REQ 25001187 , E-mail dated 17.05.2023; RFQ for Catalyst and Fixed Equipment Services During JCP TA – 2024 @ S-Chem

#	EQUIPMENT TAG #	UNDEFINED JOBS	Price, SAR		
	2	2" to 4"	2,019.00	2,321.85	2,523.75
	3	5" to 8"	3,056.00	3,514.40	3,820.00
	4	10" to 12"	3,654.00	4,202.10	4,567.50
	5	14" to 16"	5,778.00	6,644.70	7,222.50
	6	18" to 20"	7,502.00	8,627.30	9,377.50
	7	22" to 24"	7,502.00	8,627.30	9,377.50
	8	26" to 30"	8,268.00	9,508.20	10,335.00
	9	32" to 34"	8,657.00	9,955.55	10,821.25
	10	36" to 40"	11,946.00	13,737.90	14,932.50
	11	Upto 48"	14,834.00	17,059.10	18,542.50
	12	Upto 60"	17,979.00	20,675.85	22,473.75
13	NA	Replace screwed Valves ; SIZE : ¾" x 150 psi to 1 ½" 150 psi			865.00
14	NA	Replace screwed Valves ; SIZE : ¾" x 300 psi to 1 ½" 300 psi			
15	NA	Replace Flanged Valves ; SIZE : ½" x 150 psi to 24" x 150 psi			
	Sl.#	**Size Range:**	**Basic Price for height upto 20 m, SAR**	**Price for height of 20 m to 40m, SAR**	**Price for height of 40 m and above, SAR**
	1	1/2" to 1 1/2"	1,333.00	1,532.95	1,666.25
	2	2" to 4"	4,675.00	5,376.25	5,843.75
	3	5" to 8"	7,125.00	8,193.75	8,906.25
	4	10" to 12"	8,880.00	10,212.00	11,100.00
	5	14" to 16"	11,450.00	13,167.50	14,312.50
	6	18" to 20"	12,860.00	14,789.00	16,075.00
	7	22" to 24"	13,690.00	15,743.50	17,112.50
16	NA	Replace Flanged Valves ; SIZE : ¾" x 300 psi to 24" x 300 psi			
	Sl.#	**Size Range:**	**Basic Price for height upto 20 m, SAR**	**Price for height of 20 m to 40m, SAR**	**Price for height of 40 m and above, SAR**
	1	1/2" to 1 1/2"	1,498.00	1,722.70	1,872.50
	2	2" to 4"	4,250.00	4,887.50	5,312.50
	3	5" to 8"	6,795.00	7,814.25	8,493.75
	4	10" to 12"	8,836.00	10,161.40	11,045.00
	5	14" to 16"	11,324.00	13,022.60	14,155.00
	6	18" to 20"	13,607.00	15,648.05	17,008.75
	7	22" to 24"	14,429.00	16,593.35	18,036.25
17	NA	Replace Flanged Valves ; SIZE : ¾" x 300 psi to 24" x 600 psi			
	Sl.#	**Size Range:**	**Basic Price for height upto 20 m, SAR**	**Price for height of 20 m to 40m, SAR**	**Price for height of 40 m and above, SAR**
	1	1/2" to 1 1/2"	1,641.00	1,887.15	2,051.25
	2	2" to 4"	4,608.00	5,299.20	5,760.00
	3	5" to 8"	7,278.00	8,369.70	9,097.50
	4	10" to 12"	9,434.00	10,849.10	11,792.50
	5	14" to 16"	11,998.00	13,797.70	14,997.50
	6	18" to 20"	14,429.00	16,593.35	18,036.25
	7	22" to 24"	15,333.00	17,632.95	19,166.25
18	NA	Replace Flanged PRD Valves ; SIZE : ¾" x 150 psi to 24" x 150 psi			
	Sl.#	**Size Range:**	**Basic Price for height upto 20 m, SAR**	**Price for height of 20 m to 40m, SAR**	**Price for height of 40 m and above, SAR**
	1	3/4"	1,066.40	1,226.36	1,333.00
	2	1" to 1 1/2"	1,333.00	1,532.95	1,666.25
	3	2" to 4"	4,675.00	5,376.25	5,843.75
	4	5" to 8"	7,125.00	8,193.75	8,906.25
	5	10" to 12"	8,880.00	10,212.00	11,100.00
	6	14" to 16"	11,450.00	13,167.50	14,312.50
	7	18" to 20"	12,860.00	14,789.00	16,075.00
	8	22" to 24"	13,690.00	15,743.50	17,112.50
19	NA	Replace Flanged PRD Valves ; SIZE : ¾" x 150 psi to 24" x 300 psi			
	Sl.#	**Size Range:**	**Basic Price for height upto 20 m, SAR**	**Price for height of 20 m to 40m, SAR**	**Price for height of 40 m and above, SAR**
	1	3/4"	1,198.40	1,378.16	1,498.00
	2	1" to 1 1/2"	1,498.00	1,722.70	1,872.50
	3	2" to 4"	4,250.00	4,887.50	5,312.50
	4	5" to 8"	6,795.00	7,814.25	8,493.75
	5	10" to 12"	8,836.00	10,161.40	11,045.00
	6	14" to 16"	11,324.00	13,022.60	14,155.00
	7	18" to 20"	13,607.00	15,648.05	17,008.75
	8	22" to 24"	14,429.00	16,593.35	18,036.25

PLANT-TECH ARABIA

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#	EQUIPMENT TAG #	UNDEFINED JOBS	Price, SAR		
20	NA	Replace Flanged PRD Valves ; SIZE : ¾" x 150 psi to 24" x 600 psi			
	Sl.#	Size Range:	Basic Price for height upto 20 m, SAR	Price for height of 20 m to 40m, SAR	Price for height of 40 m and above, SAR
	1	3/4"	1,312.80	1,509.72	1,641.00
	2	1" to 1 1/2"	1,641.00	1,887.15	2,051.25
	3	2" to 4"	4,608.00	5,299.20	5,760.00
	4	5" to 8"	7,278.00	8,369.70	9,097.50
	5	10" to 12"	9,434.00	10,849.10	11,792.50
	6	14" to 16"	11,998.00	13,797.70	14,997.50
	7	18" to 20"	14,429.00	16,593.35	18,036.25
	8	22" to 24"	15,333.00	17,632.95	19,166.25

PLANT-TECH ARABIA

Ref.	**:I09548/AJO/L-6314C/REV.01, dated 20.07.2023, REVISED COMMERCIAL PROPOSAL**
Des.	**: REQ 25001187, E-mail dated 17.05.2023; Catalyst and Fixed Equipment Services During JCP TA – 2024 @ S-Chem**

Section - 3

SCHEDULE OF TIME UNIT RATES OF EQUIPMENT FOR ADDITIONAL WORKS

#	DESCRIPTION	UNIT RATE, SR/HR
1	Office Container	50.00
2	Tent Canteen	45.00
3	Stores Container	60.00
4	Toilet Container with Cleaning Facility	170.00
5	Tools Container	200.00
6	Rigging container	250.00
7	Materials Container	50.00
8	HP Pump (@ 10,000 psig)	250.00
9	HP Pump (@ 20,000 psig)	300.00
10	HP Pump (@ 40,000 psig)	410.00
11	Welding Machine Set	60.00
12	Bundle Puller with Operator	650.00
13	Submersible Pump	60.00
14	Dewatering Pump	45.00
15	Skip, 20'	25.00
16	BA Box	250.00
17	Hydrotest Pump	45.00
18	Air mover	10.00
19	Tower lights	30.00
20	Wheel Tool Box	20.00
21	Generator, 100 KVA	55.00
22	Generator, 250 KVA	90.00
23	750 cfm Compressor	155.00
24	Super Sucker with Operator (3500 cu.m/Hr)	250.00
25	Dry Super Sucker with Operator (9000 cu.m/Hr)	395.00
26	AC Unit, 20 Ton	90.00
27	AC Unit, 40 Ton	120.00
28	Flange Face Machine (up to 24") with Machinist	442.00
29	Pipe Cold Cutting Machine (up to 24") with Machinist	363.00

PLANT-TECH ARABIA

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Section - 3

SCHEDULE OF TIME UNIT RATES OF EQUIPMENT FOR ADDITIONAL WORKS

#	DESCRIPTION	UNIT RATE, SR/HR
30	Hydraulic Bolt Torquing Equipment with Crew	470.00
31	Bolt Tensioning Equipment with Crew	620.00
32	Re-threading crew	550.00
33	Hot Bolting with Crew	1,125.00
34	Eddy Current Testing Equipment with Crew (ECT/IRIS/MFL/RFET)	575.00
35	Saturated Eddy current Testing eqipement with crew	1,100.00
36	3T Forklift with Operator	95.00
37	5T Forklift with Operator	112.00
38	7T Forklift with Operator	130.00
39	Trailer with Driver	85.00
40	50T Crane with Operator	405.00
41	80T Crane with Operator	520.00
42	100T Crane with Operator	810.00
43	160T Crane with Operator	1,080.00
44	250T Crane with Operator	2,430.00
45	500T Crane with Operator	6,075.00

Note: Minimum charges shall be for 10 hours per shift. For equipment availed on separate call-out, Mob/Demob charges shall also be applicable

PLANT-TECH ARABIA

Ref.	**:I09548/AJO/L-6314C/REV.01, dated 20.07.2023, REVISED COMMERCIAL PROPOSAL**
Des.	**: REQ 25001187, E-mail dated 17.05.2023; Catalyst and Fixed Equipment Services During JCP TA – 2024 @ S-Chem**

SECTION - 2

SCHEDULE OF TIME UNIT RATES FOR MANPOWER FOR ADDITIONAL WORKS

#	DESCRIPTION	UNIT RATE, SR/HR
1	Project Incharge	270.00
2	Planner/Planning Engineer	162.00
3	QA/QC Engineer	162.00
4	Material Coordinator	75.00
5	Supervisor	120.00
6	Safety Officer	120.00
7	Field Safety Representative	56.00
8	Foreman/Permit Receiver	56.00
9	Fabrication Supervisor	120.00
10	Fabricator	56.00
11	Welder, Multi	130.00
12	Welder, CS	65.00
13	Titanium Welder	200.00
14	Scaffolding Supervisor	120.00
15	Scaffolding Foreman	56.00
16	Scaffolder	40.00
17	Insulating Foreman	56.00
18	Insulating Technician	45.00
19	Rigger, level I	350.00
20	Rigger, level II	200.00
21	Rigger, level III	55.00
22	Manhole Watch/ Stand-by Man	36.00

PLANT-TECH ARABIA

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SECTION - 2

SCHEDULE OF TIME UNIT RATES FOR MANPOWER FOR ADDITIONAL WORKS

#	DESCRIPTION	UNIT RATE, SR/HR
23	Pipefitter	35.00
24	Hydro-Jet Technician	37.00
25	BA Technician, Single line	45.00
26	BA Technician, N2	70.00
27	Skilled Labor	29.00
28	Flagman	29.00
29	Storekeeper	40.00
30	Timekeeper	40.00
31	Electrician/ Mechanic	40.00
32	Painter	35.00

Note: Minimum charges shall be for 10 hours per shift